

# Mass flow meter

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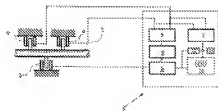
EP0691528 (A3)  
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## Abstract of EP 0691528 (A2)

The mass flow meter includes a control system (5), which contains a vibration generator (2) acting on a vibration producer (1) attached to the Coriolis tube (1) conveying the substance. Two vibration receivers (3,4) transmit measuring signals to a phase-difference detector (7) in the control system which determines the proportional phase difference between them in the Coriolis line. This information appears on a digital display (10). In this system the stimulation-generator (6) is adjustable so that the amplitude of the vibration at the Coriolis line may have an optimal value. A regulator (8) controls the time-averaged amplitude of the vibration generator (6). There is also an overload warning system (11) using a threshold comparator (12).



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